

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATIONS OF MATADOR PRODUCTION
COMPANY TO AMEND ORDER NO. R-21667,
LEA COUNTY, NEW MEXICO.**

Case Nos. 22922 and 22923

NOTICE OF FILING SUPPLEMENTAL EXHIBITS

Matador Production Company hereby submits the following supplemental exhibits:

Supplemental Exhibit D, which are green cards received from Pheasant Energy, LLC and WPX Energy Permian, LLC.

Exhibit E, which is the affidavit of publication as to unlocatable/unsevered parties.

Exhibits F-1 and F-2, which are pooling checklists for the re-opened cases.

Exhibit G, which is the geology affidavit and exhibits from the original cases.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043
jamesbruc@aol.com

Attorney for Matador Production Company

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>[Signature]</i></p>	
<p>1. Article Addressed to:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Pheasant Energy, LLC P.O. Box 2487 Fort Worth, TX 76113</p> </div>	<p>B. Received by (Printed Name)</p>	<p>C. Date of Delivery</p> <p>7-1</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0950 0002 0364 6539</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>	<p>Barcode: 9590 9402 6746 1074 4014 91</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p> <p style="text-align: right;"><i>Met NC Recd</i> Domestic Return Receipt</p>		

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>[Signature]</i></p>	
<p>1. Article Addressed to:</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>WPX Energy Permian, LLC 333 West Sheridan Avenue Oklahoma City, Oklahoma 73102</p> </div>	<p>B. Received by (Printed Name)</p>	<p>C. Date of Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7021 0950 0002 0364 6577</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>	<p>Barcode: 9590 9402 6746 1074 4014 53</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p> <p style="text-align: right;"><i>Met NC Recd</i> Domestic Return Receipt</p>		

EXHIBIT D
supplemental

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

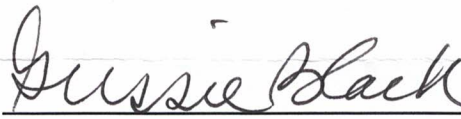
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
July 21, 2022
and ending with the issue dated
July 21, 2022.



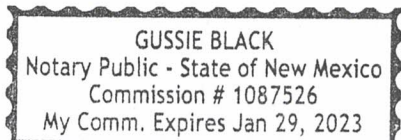
Publisher

Sworn and subscribed to before me this
21st day of July 2022.



Business Manager

My commission expires
January 29, 2023
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL LEGAL

LEGAL NOTICE
July 21, 2022

To: Daniel E. Gonzalez, Fortson Oil Company, and Curtis A. and Edna I. Anderson, or your heirs, devisees, successors, or assigns: Matador Production Company seeks orders (a) In Case No. 22922, re-opening Case No. 21796 to pool additional mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 3 and the E/2E/2 of Section 10, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico, for purposes of drilling the Nina Cortell Fed. Com. Well No. 128H (or in the alternative the Nina Cortell Fed. Com. Well No. 134H), and (b) in Case No. 22923, re-opening Case No. 21798 to pool additional mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2E/2 of Section 3 and the E/2E/2 of Section 10, Township 22 South, Range 32 East, N.M.P.M., Lea County, New Mexico, for purposes of drilling the Nina Cortell Fed. Com. Well No. 204H. Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a 200% charge for the risk involved in drilling, completing, and equipping the wells. These matters are scheduled for hearing at 8:15 a.m. on Thursday, August 4, 2022. During the COVID-19 Public Health Emergency, state buildings are closed to the public and the hearing will be conducted remotely. To determine the location of the hearing or to participate in an electronic hearing, go to emnrd.state.nm.us/OCD/hearings or see the instructions posted on the Division's website, <http://emnrd.state.nm.us/OCD/announcements.html>. You are not required to attend this hearing, but as an owner of an interest that may be affected by these applications, you may appear and present testimony. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than Thursday, July 28, 2022. This statement may be filed online with the Division at ocd.hearings@state.nm.us. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. The attorney for applicant is James Bruce, P.O. Box 1056, Santa Fe, New Mexico 87504, jamesbruc@aol.com. The units are located approximately 10 miles south-southeast of Halfway, New Mexico.
#37863

EXHIBIT **E**

01101711

00268951


JAMES BRUCE
JAMES BRUCE, ATTORNEY AT LAW
P.O. BOX 1056
SANTA FE, NM 87504

COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case:	22922
Date	August 4, 20212
Applicant	Matador Production Company
Designated Operator & OGRID (affiliation if applicable)	Matador Production Company/OGRID No. 228937
Applicant's Counsel:	James Bruce
Case Title:	Application of Matador Production Company to re-open Case No. 21796 for Compulsory Pooling to pool additional parties, Eddy County, New Mexico
Entries of Appearance/Intervenors:	ConocoPhillips Company/Holland & Hart LLP
Well Family	Nina Cortell Bone Spring Wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Bone Spring formation
Pool Name and Pool Code:	Bilbrey Basin; Bone Spring/Pool Code 5695
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	E/2E/2 §10 and E/2E/2 §3-22S-32E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits C-2 and C-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Nina Cortell Fed. Com. Well No. 128H, API No. Pending, or in the alternative the Nina Cortell Fed. Com. Well No. 134H, API No. Pending SHL: 274 FSL and 1230 FEL (Unit P) §10-22S-32E BHL: 60 feet FNL and 660 feet FEL (Unit A) §3-22S-32E FTP: 100 FSL & 660 FEL §10 LTP: 100 FNL & 660 FEL §3 Bone Spring Sand/TVD 11900 feet/MD 22000 feet

EXHIBIT F-1

Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C, page 4
Requested Risk Charge	Cost + 200%/Exhibit A, Case No. 21796
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B
Proof of Published Notice of Hearing (10 days before hearing)	Not necessary
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits C-2 and C-3
Tract List (including lease numbers and owners)	Exhibit C-2
Pooled Parties (including ownership type)	Exhibit C-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit C-4
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	\$8000/\$800
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibits C-1 and C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibits D-2 and D-3
Well Orientation (with rationale)	Standup/Exhibit D
Target Formation	Bone Spring
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-1 and C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits C-1 and C-3

General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit C-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-3
Cross Section (including Landing Zone)	Exhibit D-3
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	August 2, 2022

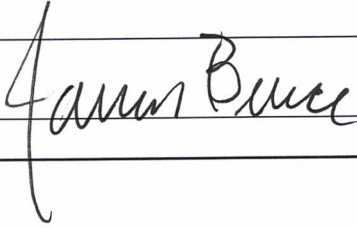
COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case:	22923
Date	August 4, 2022
Applicant	Matador Production Company
Designated Operator & OGRID (affiliation if applicable)	Matador Production Company/OGRID No. 228937
Applicant's Counsel:	James Bruce
Case Title:	Application of Matador Production Company to re-open Case No. 21798 for Compulsory Pooling to pool additional parties, Eddy County, New Mexico
Entries of Appearance/Intervenors:	ConocoPhillips Company/Holland & Hart LLP
Well Family	Nina Cortell Wolfcamp Wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	WC-025 G-09 S233216K; Upper Wolfcamp/Pool Code 98166
Well Location Setback Rules:	Statewide rules and current horizontal well rules
Spacing Unit Size:	Quarter-quarter sections/40 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320 acres
Building Blocks:	40 acres
Orientation:	South-North
Description: TRS/County	E/2E/2 §10 and E/2E/2 §3-22S-32E, NMPM, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibits C-2 and C-3
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non- standard)	Nina Cortell Fed. Com. Well No. 204H, API No. Pending SHL: 274 FSL and 1370 FEL (Unit O) §10-22S-32E BHL: 60 feet FNL and 990 feet FEL (Unit A) §3-22S-32E FTP: 100 FSL & 990 FEL §10 LTP: 100 FNL & 990 FEL §3 Bone Spring Sand/TVD 12200 feet/MD 22350 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above

EXHIBIT

F-2

A/E Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C, page 4
Requested Risk Charge	Cost + 200%/Exhibit A, Case No. 21798
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit B
Proof of Published Notice of Hearing (10 days before hearing)	Not necessary
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibits C-2 and C-3
Tract List (including lease numbers and owners)	Exhibit C-2
Pooled Parties (including ownership type)	Exhibit C-3
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	None
Joinder	
Sample Copy of Proposal Letter	Exhibit C-4
List of Interest Owners (<i>i.e.</i> Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	\$8000/\$800
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5
Geology	
Summary (including special considerations)	Exhibit C
Spacing Unit Schematic	Exhibits C-1 and C-2
Gunbarrel/Lateral Trajectory Schematic	Exhibits D-4 and D-5
Well Orientation (with rationale)	Standup/Exhibit D
Target Formation	Bone Spring
HSU Cross Section	Exhibit D-5
Depth Severance Discussion	Not Applicable
Forms, Figures and Tables	
C-102	Exhibit C-1
Tracts	Exhibit C-1 and C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits C-1 and C-3
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit C-1
Structure Contour Map - Subsea Depth	Exhibit D-4
Cross Section Location Map (including	Exhibit D-5

well(s)	
Cross Section (including Landing Zone)	Exhibit D-5
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	August 2, 2022

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

APPLICATIONS OF MATADOR PRODUCTION
COMPANY FOR COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO.

CASE NOS. 21795-21798

AFFIDAVIT OF ANDREW PARKER
IN SUPPORT OF CASE NOS. 21795, 21796, 21797, and 21798

Andrew Parker, of lawful age and being first duly sworn, declares as follows:

1. My name is Andrew Parker and I am employed by MRC Energy Company, an affiliate of Matador Production Company ("Matador"), as a Vice President of Geology.

2. I have previously testified before the New Mexico Oil Conservation Division and my credentials have been accepted as an expert witness in petroleum geology.

3. I am familiar with the applications filed by Matador in these consolidated cases and have conducted a geologic study of the lands in the subject area.

4. **Matador Exhibit D-1** is a project locator map that reflects the location of the proposed horizontal spacing units in **Case Nos. 21795, 21796, 21797, and 21798**.

5. In **Case Nos. 21795** and **21796**, Matador is targeting the Bone Spring formation.

6. **Matador Exhibit D-2** is a subsea structure map that I prepared for the Bone Spring formation. The proposed spacing units are highlighted in yellow in Sections 3 and 10, and the contour interval is 20 feet. The structure map shows the Bone Spring formation gently dipping to the northeast. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to horizontal drilling.

7. **Matador Exhibit D-2** also shows a line of cross-section from A to A' using two well logs. I utilized these well logs because they penetrate the targeted interval, are of good quality,

EXHIBIT

G

and have been subjected to a petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

8. **Matador Exhibit D-3** is a stratigraphic cross-section that I prepared using logs from the two representative wells shown on Exhibit D-2. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is highlighted yellow, with the well names noted on right side of the cross section. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing units.

9. Both of the wells will comply with the standard setback requirements for the subject pool.

10. In **Case Nos. 21797** and **21798**, Matador is targeting the Wolfcamp formation.

11. **Matador Exhibit D-4** is a subsea structure map that I prepared for the Wolfcamp formation. The proposed spacing units are highlighted in yellow in Sections 3 and 10, and the contour interval is 20 feet. The structure map shows the Wolfcamp formation gently dipping to the east. The structure appears consistent across the proposed spacing unit and I do not observe any faulting, pinch outs, or other geologic impediments to horizontal drilling.

12. Matador Exhibit D-4 also shows a line of cross-section from A to A' using two well logs. I utilized these well logs because they penetrate the targeted interval, are of good quality, and have been subjected to a petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

13. **Matador Exhibit D-5** is a stratigraphic cross-section that I prepared using logs from the two representative wells shown on Exhibit D-4. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is highlighted

yellow, with the well names noted on right side of the cross section. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing units.

14. Both of the wells will comply with the standard setback requirements for the subject pool.

15. Based on my geologic study, the Bone Spring and Wolfcamp formations underlying the subject acreage is suitable for development by horizontal wells and the acreage comprising the proposed horizontal spacing units will be productive and contribute proportionately to the production from the wells.

16. In my opinion, the standup orientation of the proposed wells is the preferred orientation for horizontal well development of the targeted intervals in the Bone Spring and Wolfcamp formations in this area. This standup orientation will efficiently and effectively develop the subject acreage.

17. In my opinion, approving Matador's applications is in the best interest of conservation, the prevention of waste, and protection of correlative rights.

18. **Matador Exhibits D-1 through D-5** were either prepared by me or compiled under my direction and supervision.

FURTHER AFFIANT SAYETH NOT.

Andrew Parker

ANDREW PARKER

STATE OF TEXAS)
)
COUNTY OF DALLAS)

SUBSCRIBED and SWORN to before me this 29th day of March 2021 by
Andrew Parker.

Sara Hartsfield

NOTARY PUBLIC

My Commission Expires:

8-21-2023

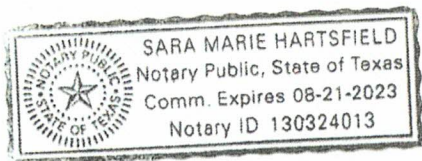
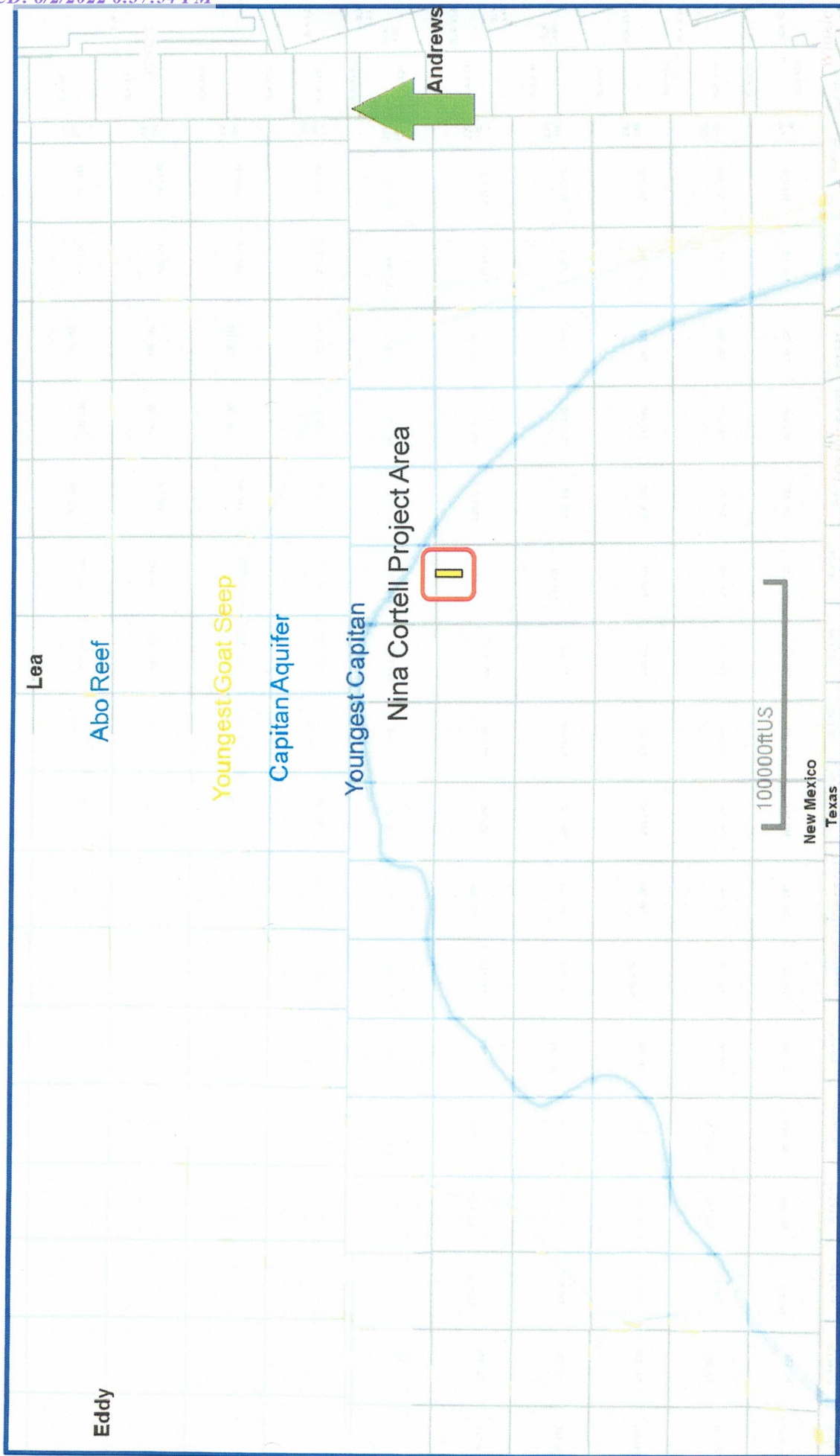


Exhibit D-1

Locator Map



Bilbrey Basin; Bone Spring (Pool Code 5695) Structure Map (Bone Spring Subsea) A – A' Reference Line

Exhibit D-2

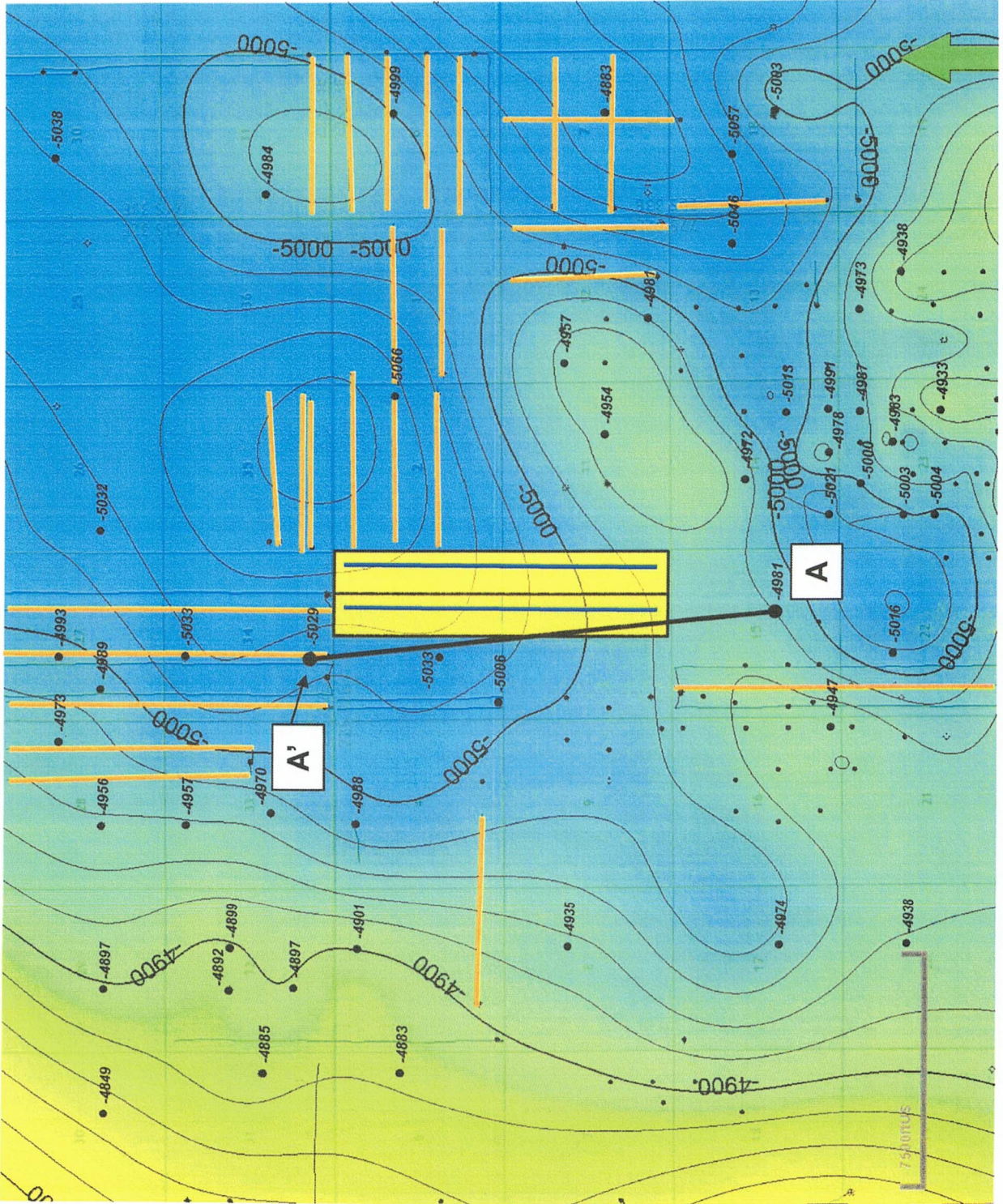
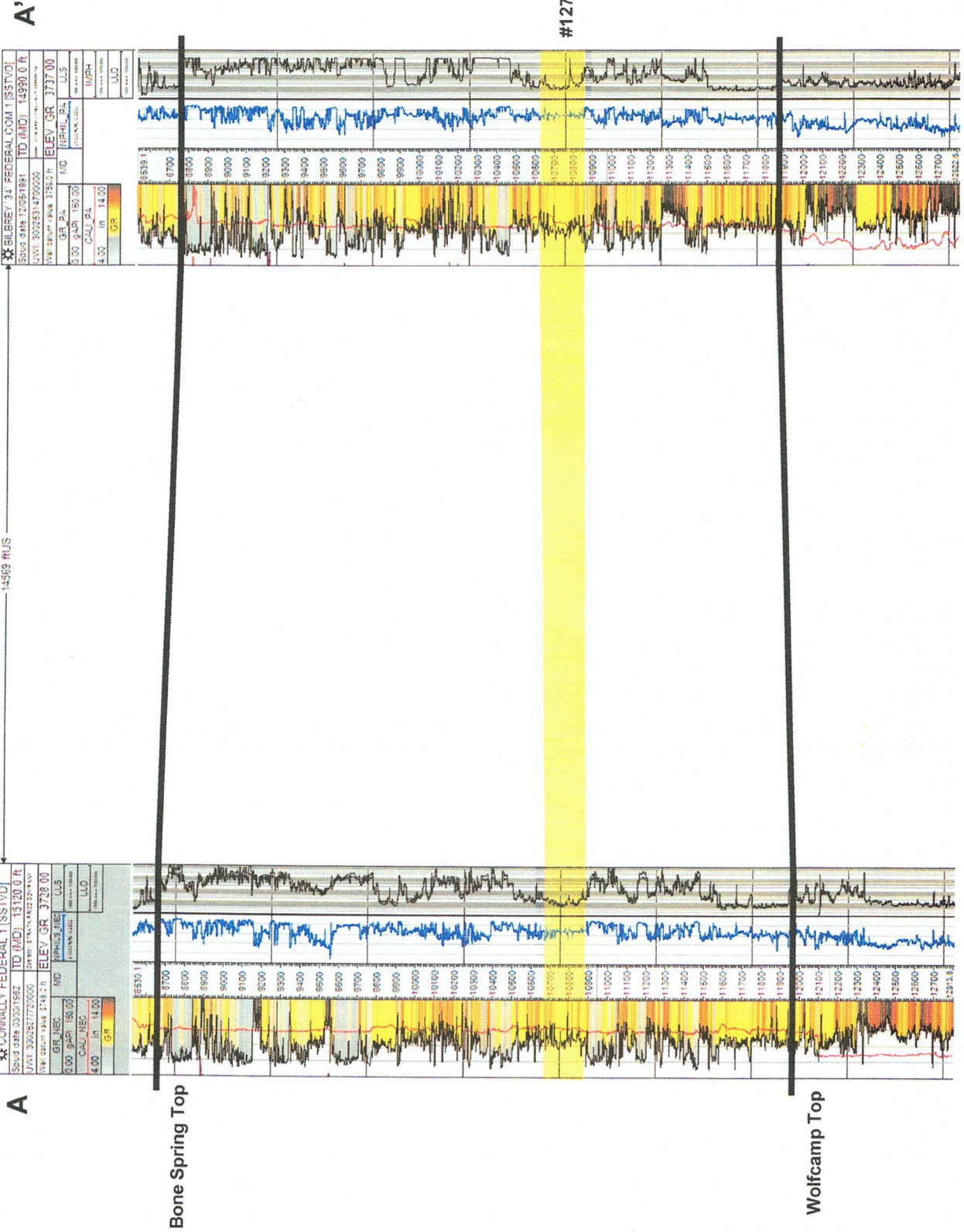


Exhibit D-3

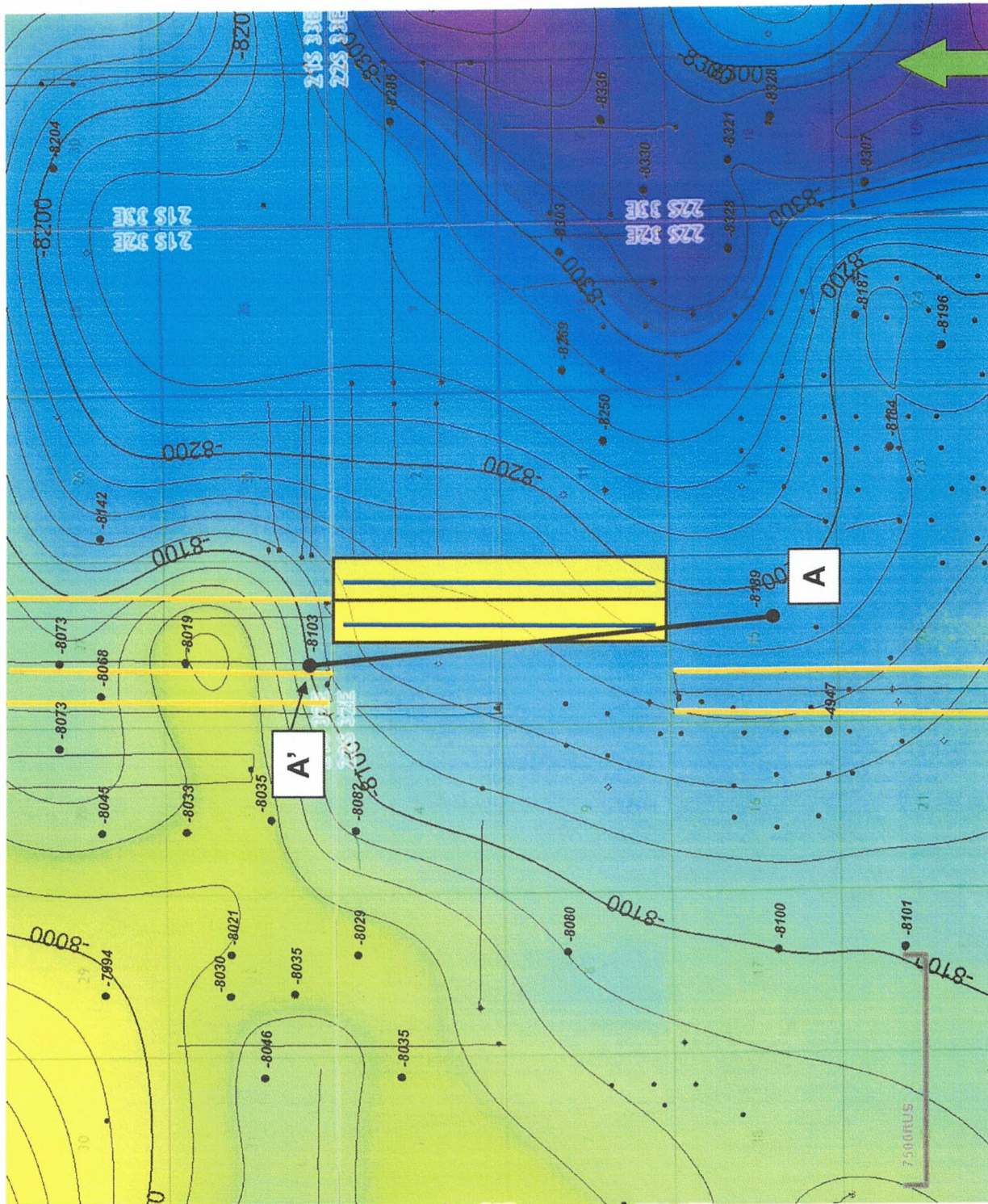
Bilbrey Basin; Bone Spring (Pool Code 5695)
Structural Cross-Section A - A'



Nina Cortell Fed Com #127H & #128H

Exhibit D-4

WC-025 G-09 S233216K; Upr Wolfcamp Structure Map (Wolfcamp Subsea) A - A' Reference Line



Map Legend

Nina Cortell Wells



Wolfcamp Wells



Project Areas



C. I. = 20'



Exhibit D-5

WC-023 G-09 S233216K; Upr Wolfcamp
Structural Cross-Section A - A'

